Form 3160-3 (August 2007)

# UNITED STATES

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

DIM ARTIMIANT OF I	IL INICION		
BUREAU OF LAND I	BUREAU OF LAND MANAGEMENT		
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Name	
1a. Type of Work: 🛛 DRILL 🔲 REENTER		7. If Unit or CA Agreement, Name and No. CHAPITA WELLS UNI	
1b. Type of Well: ☐ Oil Well     Gas Well ☐ Oth	er 🔲 Single Zone 🔀 Multiple Zone	8. Lease Name and Well No. CHAPITA WELLS UNIT 1209-24	
	KAYLENE R GARDNER gardner@eogresources.com	9. API Well No. 43047-39908	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Exploratory NATURAL BUTTES##ESAVEBOE	
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area	
At surface SENE 2400FNL 672FEL 40	0.02221 N Lat, 109.38064 W Lon	Sec 24 T9S R22E Mer SLB	
At proposed prod. zone SENE 2400FNL 672FEL 40	0.02221 N Lat, 109.38064 W Lon		
14. Distance in miles and direction from nearest town or post of 50.3 MILES SOUTH OF VERNAL, UTAH	office*	12. County or Parish 13. State UINTAH UT	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 672	16. No. of Acres in Lease 2440.00	17. Spacing Unit dedicated to this well	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file	
940	9350 MD	NM 2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5034 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	
	24. Attachments		
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be attached to t	his form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	Item 20 above). 5. Operator certification	ormation and/or plans as may be required by the	
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9	Date 01/08/2008	
Title LEAD REGULATORY ASSISTANT	Constant		
Approved by (Signature)	Name (Printed/Typed) BRADLEY G. HILL	Date 01-17-05	
Title	Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #57897 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal

638183X

Federal Approval of this

**RECEIVED** 

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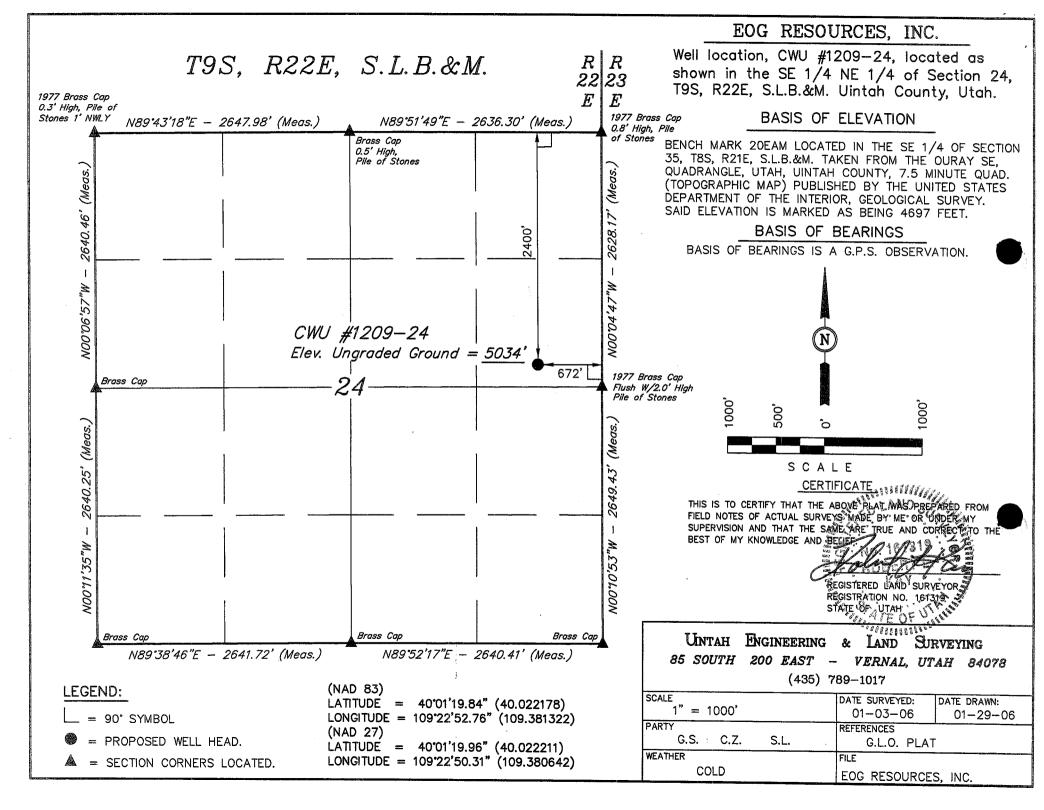
DIV. OF OIL, GAS & MINING

44312714 Action is Necessary

DIV. OF OIL, GAS

40. 0222 39 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

-109.380720



# **CHAPITA WELLS UNIT 1209-24** SE/NE, SEC. 24, T9S, R22E, S.L.B.&M.. **UINTAH COUNTY, UTAH**

# 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,724		Shale	
Wasatch	4,730		Sandstone	
Chapita Wells	5,329		Sandstone	
Buck Canyon	5,879		Sandstone	
North Horn	6,704		Sandstone	
KMV Price River	7,008	Primary	Sandstone	Gas
KMV Price River Middle	7,865	Primary	Sandstone	Gas
KMV Price River Lower	8,672	Primary	Sandstone	Gas
Sego	9,150		Sandstone	
TD	9,350			

Estimated TD: 9,350' or 200'± below TD

**Anticipated BHP: 5,105 Psig** 

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

## 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

# 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	<u>Factor</u> <u>Burst</u>	Tensile
Conductor	17 ½"	0 – 45'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	Surface – 2,300' KB±	9-%"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

## All casing will be new or inspected.

# CHAPITA WELLS UNIT 1209-24 SE/NE, SEC. 24, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

# **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

## 6. MUD PROGRAM

# Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

# Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

# **CHAPITA WELLS UNIT 1209-24** SE/NE, SEC. 24, T9S, R22E, S.L.B.&M.. **UINTAH COUNTY, UTAH**

# 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

# 9. CEMENT PROGRAM:

# Surface Hole Procedure (Surface - 2300'±):

Lead:

185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3

1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail:

**207 sks** Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

**Top Out**: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

#### Production Hole Procedure (2300'± - TD)

Lead:

135 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail:

900 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

# CHAPITA WELLS UNIT 1209-24 SE/NE, SEC. 24, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 10. <u>ABNORMAL CONDITIONS:</u>

#### **Surface Hole (Surface - 2300'±):**

Lost circulation

#### **Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

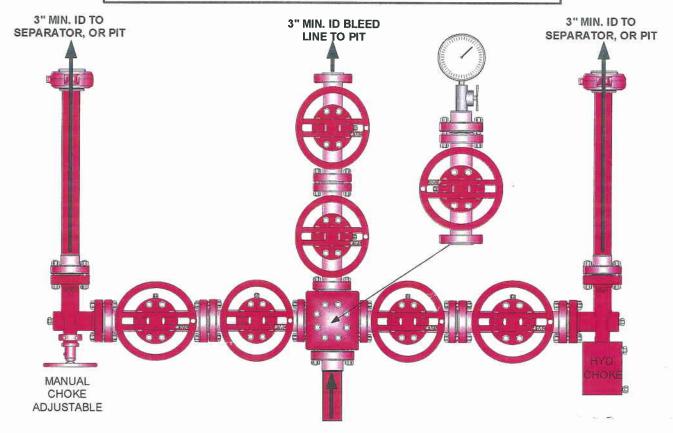
## 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



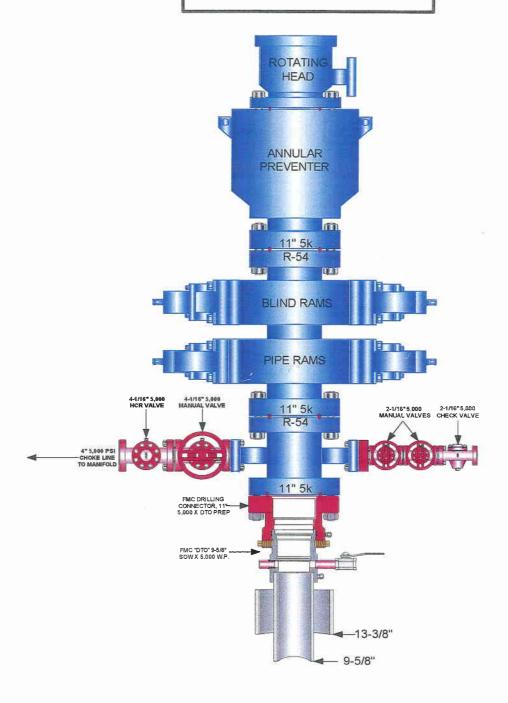
4" 5,000 PSI CHOKE LINE FROM HCR VALVE

# Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2





# Chapita Wells Unit 1209-24 SENE, Section 24, T9S, R22E Uintah County, Utah

# SURFACE USE PLAN

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 792 feet long with a 40-foot right-of-way, disturbing approximately 0.73 acres. New surface disturbance associated with the well pad and access road is estimated to be 2.57 acres. The pipeline is approximately 1207 feet long with a 20-foot right-of-way disturbing approximately 0.55 acres.

#### 1. Existing Roads:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 50.3 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 792' in length, Culverts will be used as needed. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

No off lease right-of-way will be required. The entire length of the proposed access road is located within the Chapita Wells Unit.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 1207' x 20'. The proposed pipeline leaves the eastern edge of the well pad (Lease UTU0282) proceeding in a southerly direction for an approximate distance of 1207 tieing into an existing pipeline in the NESE of Section 24, T9S, R22E (Lease UTU0282). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. A 20-foot permanent pipeline right-of-way is requested. A 40-foot temporary pipeline right-of-way for construction purposes is requested, the temporary right-of-way will be utilized for a 10-day period.
- 7. The proposed pipeline route begins in the SENE of section 24, township 9S, range 22E, proceeding southerly for an approximate distance of 1207'.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.

- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

# 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

# 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with **Double felt**, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be

disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

# 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the east corner of the location. The flare pit will be located downwind of the prevailing wind direction on the east side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

# FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

## A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	9.0
Prostrate Kochia	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

# B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs:/acre PLS*)
Fourwing Saltbush	3.0
Shadscale	3.0
Indian Ricegrass	2.0
HyCrest Wheatgrass	1.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

#### **Bureau of Land Management**

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expédited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to

Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants. A paleontological survey was conducted and submitted by Intermountain Paleo Consultants.

## LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

# **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1209-24 Well, located in the SENE, of Section 24, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

January 7, 2008

Date

ead Regulatory Assistant

# EOG RESOURCES, INC. CWU #1209-24

LOCATED IN UINTAH COUNTY, UTAH SECTION 24, T9S, R22E, S.L.B.&M.

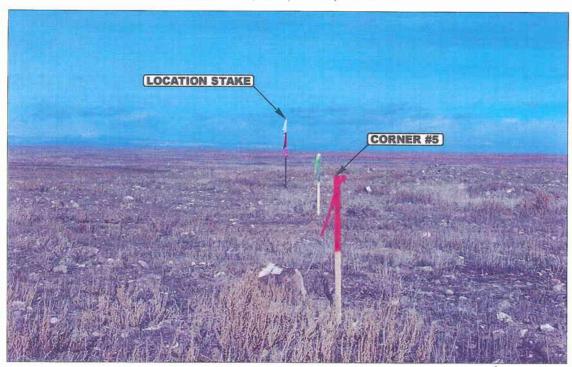


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

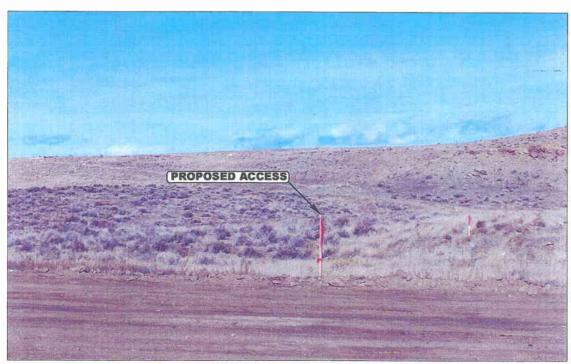


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



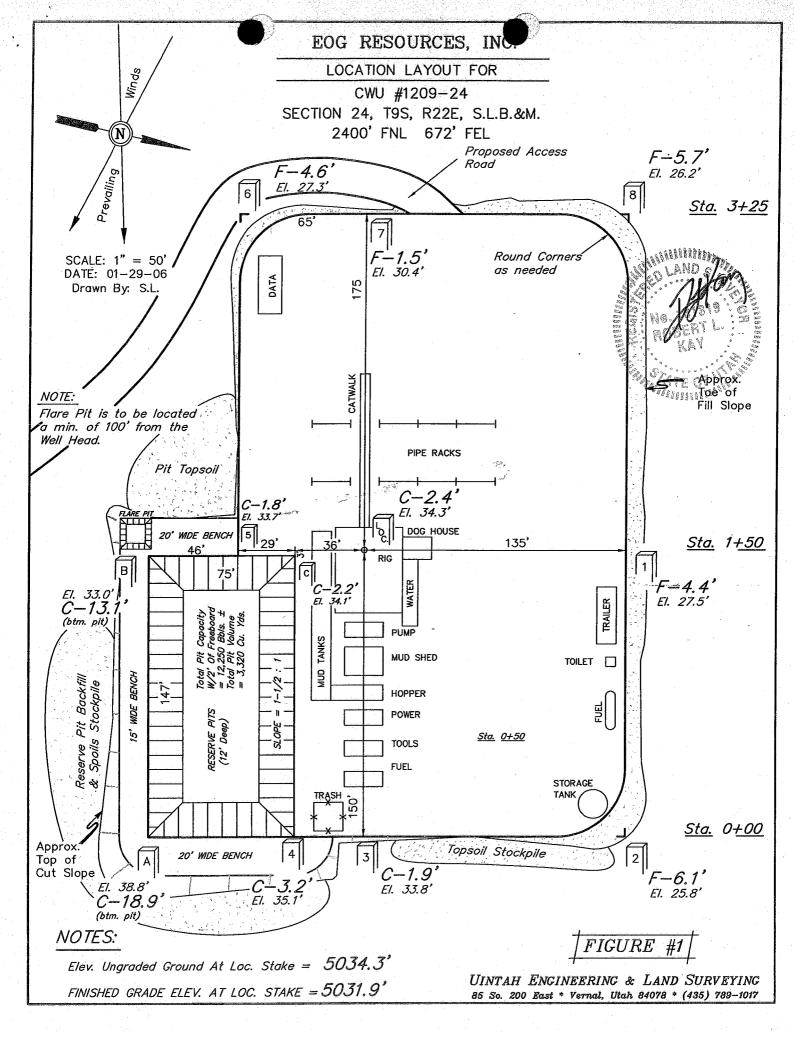
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

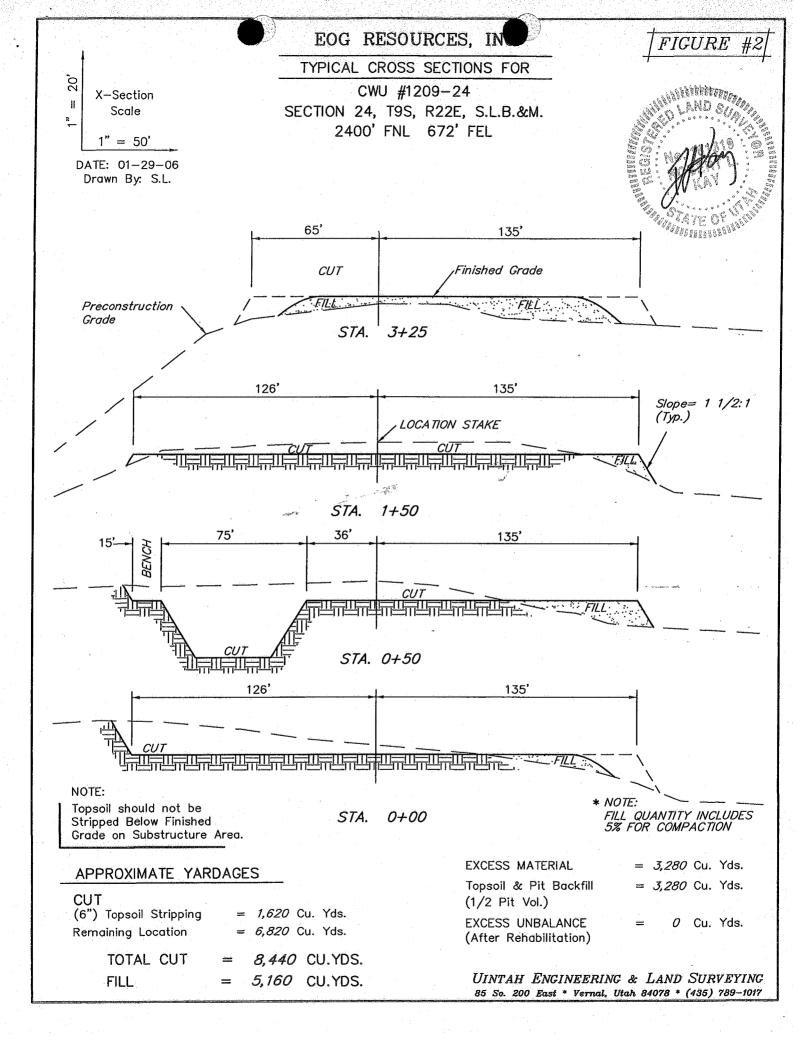
LOCATION PHOTOS

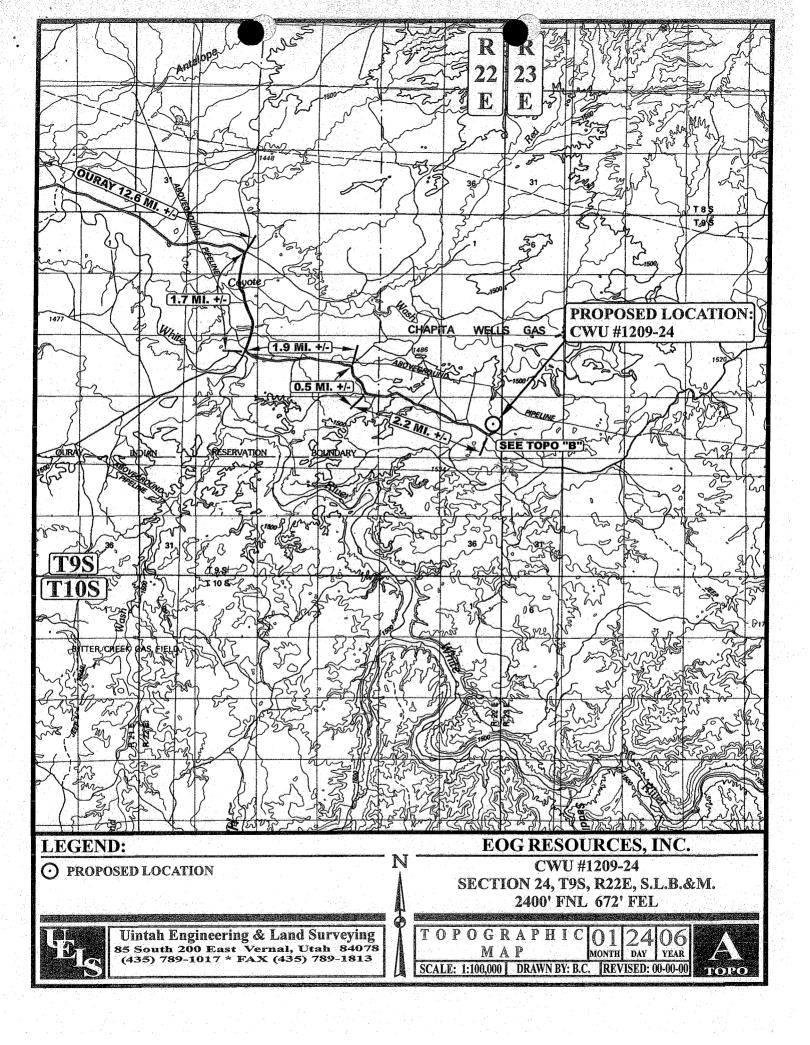
MONTH DAY YEAR

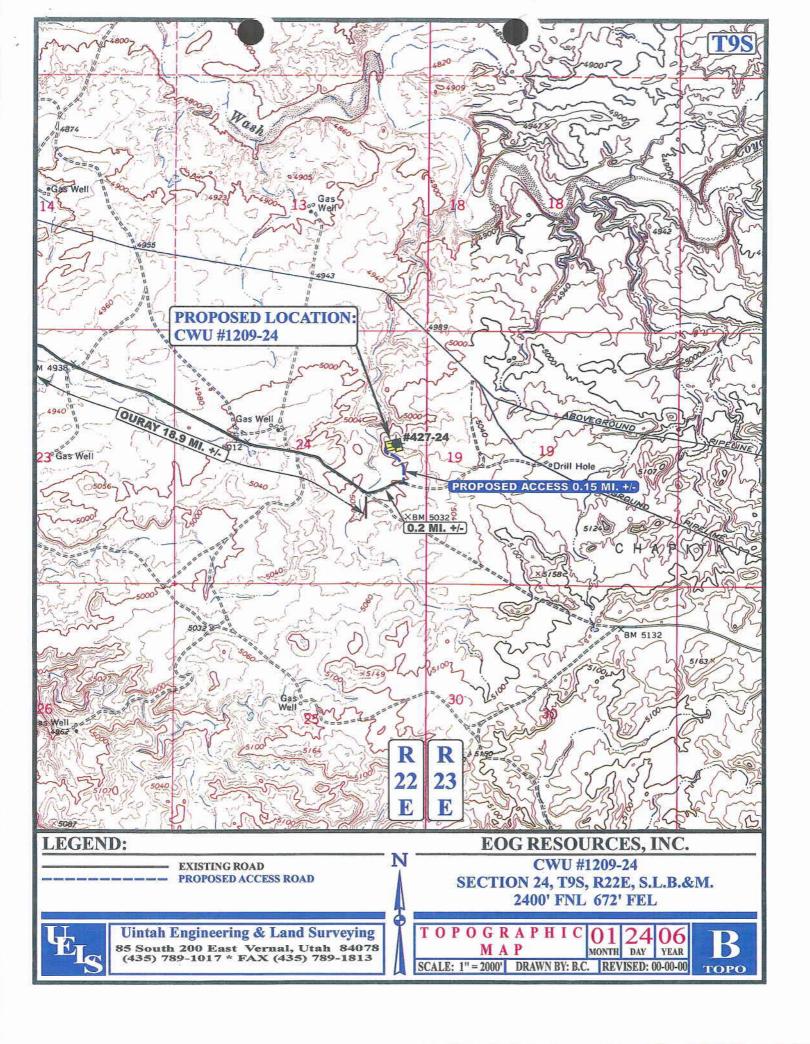
PHOTO

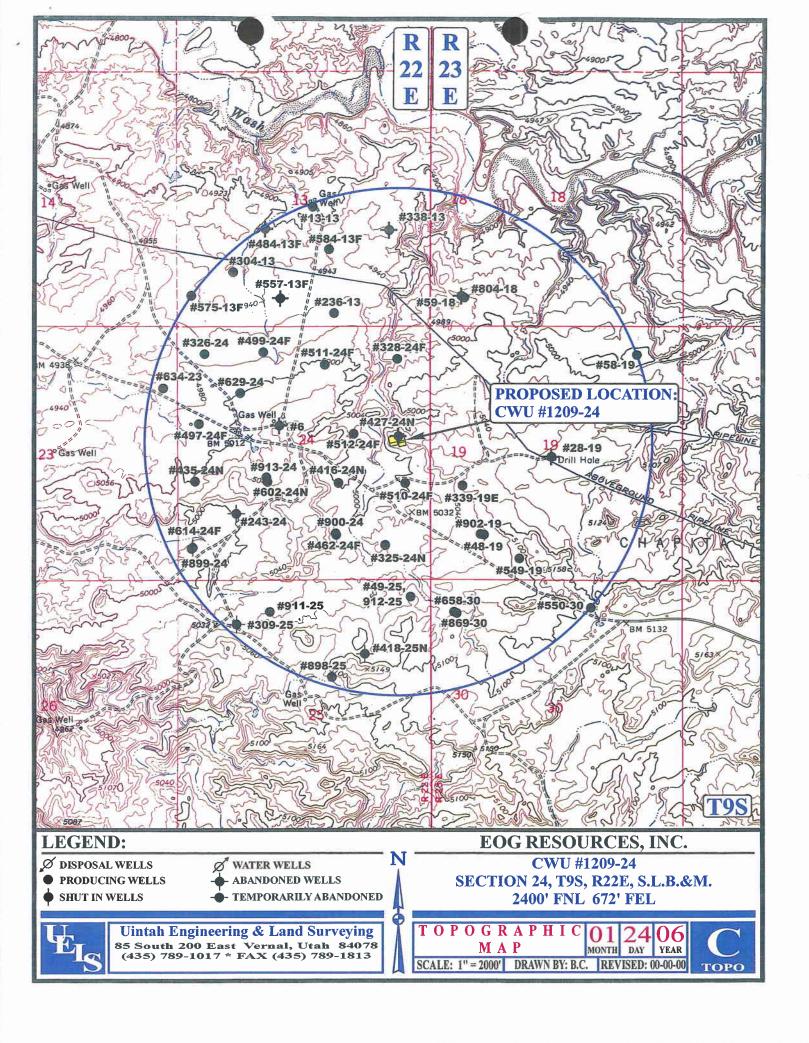
TAKEN BY: G.S. | DRAWN BY: B.C. | REVISED: 00-00-00

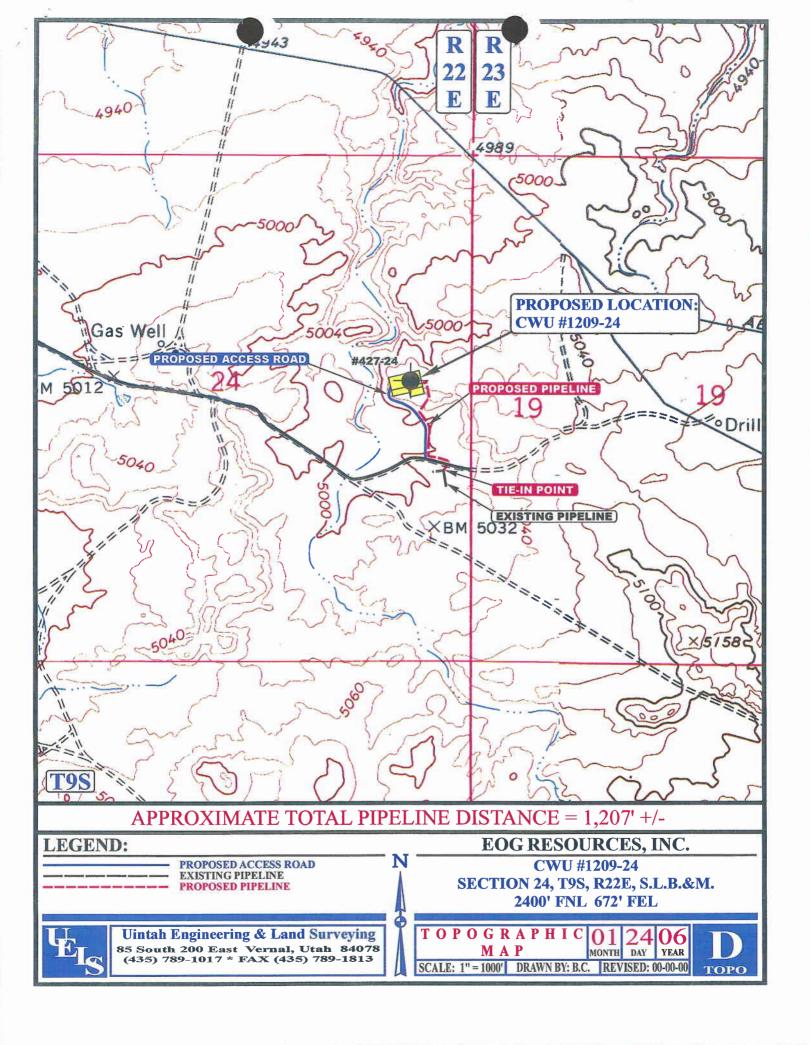




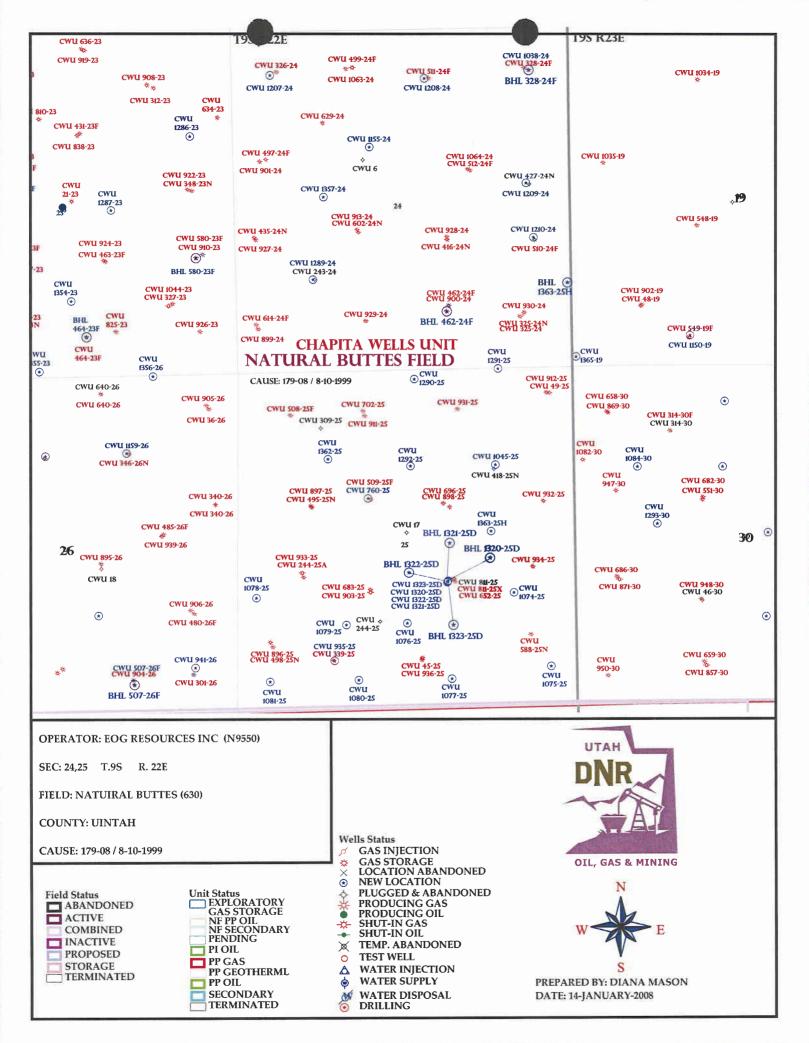








		4.4.4	
APD RECEIVED: 01/10/2008	API NO. ASS	IGNED: 43-047	7-39908
WELL NAME: CWU 1209-24			
OPERATOR: EOG RESOURCES, INC. ( N9550	) PHONE NUMBER:	435-781-911	1
CONTACT: KAYLENE GARDNER	<del>-</del> -		,
PROPOSED LOCATION:	INSPECT LOCAT	IN BY: /	/
SENE 24 090S 220E SURFACE: 2400 FNL 0672 FEL	Tech Review	Initials	Date
BOTTOM: 2400 FNL 0672 FEL	Engineering		
COUNTY: UINTAH LATITUDE: 40.02224 LONGITUDE: -109.3807	Geology		
UTM SURF EASTINGS: 638183 NORTHINGS: 4431	271 Surface		
FIELD NAME: NATURAL BUTTES ( 630	)		
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU0282  SURFACE OWNER: 1 - Federal	PROPOSED FORM COALBED METHA		<u></u>
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:	:	
✓ Plat	R649-2-3.		
Bond: Fed[1] Ind[] Sta[] Fee[]	Unit: NATURAL BUTTE	C	
(No. NM 2308 )	Unit: WATOWAL BOILE	5	
N Potash (Y/N)	R649-3-2. Gene		
✓ Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From		etween Wells
Water Permit	R649-3-3. Exce	eption	
(No. $49-225$ )  RDCC Review (Y/N)	Drilling Unit	2	
(Date: )	Board Cause No	o: <u>1114-8</u>	
MA Fee Surf Agreement (Y/N)	Eff Date: Siting:	8-10-199	19
	Siering. Suspe	end Speneral	2 Si Fray
Intent to Commingle (Y/N)	R649-3-11. Dis	rectional Dril	Ll
COMMENTS.		and the second s	·
COMMENTS:			the continues of the co
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STIPULATIONS: 1-today	con()		
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# **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

January 16, 2008

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2008 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ MesaVerde)

43-047-39907 CWU 1208-24 Sec 24 T09S R22E 0757 FNL 2238 FEL 43-047-39908 CWU 1209-24 Sec 24 T09S R22E 2400 FNL 0672 FEL

(Proposed PZ Wasatch)

43-047-39904 CWU 0763-14 Sec 14 T09S R22E 2531 FNL 1649 FEL 43-047-39905 CWU 0762-15 Sec 15 T09S R22E 0064 FNL 0565 FWL 43-047-39906 CWU 0761-22 Sec 22 T09S R22E 0401 FSL 1046 FWL 43-047-39909 CWU 0760-25 Sec 25 T09S R22E 1990 FNL 2009 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:1-16-08



JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

# State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA
Division Director

January 17, 2008

EOG Resources, Inc 1060 East Highway 40 Vernal, UT 84078

Re:

Chapita Wells Unit 1209-24 Well, 2400' FNL, 672' FEL, SE NE, Sec. 24, T. 9 South,

R. 22 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39908.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office



Location: SE NE	Sec. 24	T. 9 South	R. 22 East	
Lease:	UTU02	.82		
API Number:	43-047-	-39908		
Well Name & Number_	Chapita	Wells Unit 1209-24	·	
Operator:	EOG Resources, Inc			

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Form 3160-3 (August 2007)

# RECEIVED

FORM APPROVED OMB No. 1004-0136

JAN 0 8 2008

# **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

APPLICATION FO	OR PERMIT	TO DRIL	L OR	REENT	TERB	LA	V
							_

Expires July 31, 2010

Lease Serial No. UTU0282

APPLICATION FOR PERMIT	TO DRILL OR REENTERD [ [V]	6. If Indian, Allottee or Tribe	Name
Ia. Type of Work: 🗖 DRILL 🔲 REENTER		7. If Unit or CA Agreement, I UTU63013X	Name and No.
		8. Lease Name and Well No. CWU 1209-24	
1b. Type of Well: ☐ Oil Well ☐ Ot			
	KAYLENE R GARDNER _gardner@eogresources.com	9. API Well No. 43 047	39908
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Explor NATURAL BUTTES	atory
4. Location of Well (Report location clearly and in accorded	ince with any State requirements.*)	11. Sec., T., R., M., or Blk. a	nd Survey or Area
At surface SENE 2400FNL 672FEL 4  At proposed prod. zone SENE 2400FNL 672FEL 4	0.02218 N Lat, 109.38132 W Lon	Sec 24 T9S R22E M SME: BLM	er SLB
14. Distance in miles and direction from nearest town or post of 50.3 MILES SOUTH OF VERNAL, UTAH	fice*	12. County or Parish UINTAH	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to	this well
672	2440.00		Sec. 1997
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on I	ile
completed, applied for, on this lease, ft. 940	9350 MD	NM 230	08
21. Elevations (Show whether DF, KB, RT, GL, etc. 5034 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	
	24. Attachments		
The following, completed in accordance with the requirements of	Onshore Oil and Gas Order No. 1, shall be attached to this	form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syster SUPO shall be filed with the appropriate Forest Service Office</li> </ol>	Item 20 above).  5. Operator certification	ns unless covered by an existing ormation and/or plans as may be	
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9	<del>)</del> 111	Date 01/08/2008
Title LEAD REGULATORY ASSISTANT			
Approved by (Signature)	Name (Printed/Typed)	<del></del>	Date
14	Jews Kencela		5-9-2008
Title Assistant Field Manager	Office VEDMAL EIGHD OFF	CE	
Application approval does not warrant or certify the applicant holo operations thereon.  Conditions of approval, if any, are attached.	is legal or equitable title to those rights in the subject lease	which would entitle the applican	t to conduct
Title 18 [I S C Section 1001 and Title 43 II S C Section 1212 m	aske it a crime for any person knowingly and willfully to	aka ta anu danagamant ay aganay	r of the United

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #57897 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 01/08/2008 (08GXJ1422AE)

MOTICE OF APPROVAL

RECEIVED tions of approval

MAY 1 9 2008

DIV. OF OIL, GAS & MINING

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NOS 12/06/2004

08M100152AE



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL. UT 84078

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

API No:

E.O.G. Resources Inc.

Location:

SENE, Sec. 24, T9S, R22E

Well No:

CWU 1209-24

Lease No:

UTU-0282

43-047-39908 Agreen

Agreement: Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	, -	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	•	(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

NIC CHALL DE FUDNICHED TO VO

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	<ul> <li>Forty-Eight (48) hours prior to construction of location and access roads.</li> </ul>
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	<ul> <li>Twenty-Four (24) hours prior to running casing and cementing all casing strings.</li> </ul>
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	<ul> <li>Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.</li> </ul>

Page 2 of 6 Well: CWU 1209-24 5/8/2008

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Bury pipeline at all low water crossings.
- Permission from an authorized BLM representative would be required if construction or other operations occur during wet conditions that would lead to excessive rutting.
- Permission to clear all wildlife stipulations would only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
- Culverts and gravel may be installed as needed.

Page 3 of 6 Well: CWU 1209-24 5/8/2008

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- The conductor pipe shall be set and cemented in a competent formation.
- A surface casing shoe integrity test shall be performed.
- A variance is granted for Onshore Order #2-Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored". Blooie line can be 75 feet. All other requirements in O.O. #2 III. E. Special Drilling Operations are applicable.
- Production casing cement shall be at a minimum 200 feet inside the surface casing. A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.
- The Gamma ray log shall be run from TD to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

# DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned.
   Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
  drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order
  No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a
  test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: CWU 1209-24 5/8/2008

The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal
  Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the
  well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 1209-24 5/8/2008

### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written communication
  and must be received in this office by not later than the fifth business day following the date on which
  the well is placed on production. The notification shall provide, as a minimum, the following
  informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

Page 6 of 6 Well: CWU 1209-24 5/8/2008

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to
  the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first.
  All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All
  product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in
  accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
  suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
  obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior approval of
  the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of
  operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Cor	npany:	EOG I	<u>RESOUR</u>	CES INC			
Well Name		CWU	1209-24		-		···· <u></u>
Api No <u>:</u>	43-047-39	908	Leas	е Туре:	FEDE	RAL	
Section 24	Township_		22E	County	UI	NTAH	
Drilling Con	itractor <u>CI</u>	RAIG'S ROUS	<b>TABOUT</b>	SERV	RIG#	RATHOLI	<u> </u>
SPUDDE	D:						
	Date	08/26/08					
	Time	4:30 PM					
	How	DRY					
Drilling wi	II Commer	oce:					
Reported by		JERF	RY BARI	NES			
Telephone #_		(435)	828-172	0			
Date	08/26/08	Signed_	CHI	D		1	

Form 3160-5 (August 2007)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5.	Lease Serial	No
	UTU0282	

Do not use thi	NOTICES AND REPORTS form for proposals to di I. Use form 3160-3 (APD)	rill or to re-enter an		UTU0282  6. If Indian, Allottee of	or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruction	ons on reverse side.		7. If Unit or CA/Agree CHAPITA WELL	ement, Name and/or No. LS UNI
1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Oth	ocr			8. Well Name and No. CHAPITA WELLS	S UNIT 1209-24
2. Name of Operator EOG RESOURCES, INC.	Contact: M	ICKENZIE THACKER THACKER@EOGRESOURG	CES.COM	9. API Well No. 43-047-39908	
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		Bb. Phone No. (include area cod Ph: 435-781-9145	le)	10. Field and Pool, or NATURAL BUT	
4. Location of Well (Footage, Sec., T	. R., M., or Survey Description)			11. County or Parish,	and State
Sec 24 T9S R22E SENE 2400 40.02218 N Lat, 109.38132 W			:	UINTAH COUN	TY, UT
12. CHECK APPE	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION		ТҮРЕ	OF ACTION		
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Fracture Treat	□ Reclam	ation	■ Well Integrity
Subsequent Report	□ Casing Repair	■ New Construction	□ Recomp	lete	Other
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Tempor	arily Abandon	Well Spud
<del>-</del>	☐ Convert to Injection	☐ Plug Back	■ Water I	Pisposal	
If the proposal is to deepen directions Attach the Bond under which the woi following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fi The referenced well was spud	k will be performed or provide the operations. If the operation result andonment Notices shall be filed nal inspection.)  on 8/26/2008.	e Bond No. on file with BLM/B ts in a multiple completion or re	IA. Required sul completion in a r	osequent reports shall be new interval, a Form 316	filed within 30 days 0-4 shall be filed once
, , , ,	Electronic Submission #62	1618 verified by the BLM We SOURCES, INC., sent to th	ell Information e Vernal	System	
Name (Printed/Typed) MICKENZ	IE THACKER	Title OPER	ATIONS CLE	RK	
Signature Mulli Signature	Treacher (")	Date 08/28/	/2008		
	THIS SPACE FOR	FEDERAL OR STATE	OFFICE U	SE	
Approved By		Title			Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the su				
Fitle 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a cri	me for any person knowingly ar	nd willfully to ma	ke to any department or	agency of the United

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

**RECEIVED** 

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### **ENTITY ACTION FORM**

Operator:

**EOG RESOURCES** 

Operator Account Number: N 9550

Address:

1060 East Highway 40

city VERNAL

state\_UT zip 84078

Phone Number:

(435) 781-9145

#### Well 1

					Rng County		
HAPITA WELLS UN	NIT 1209-24	SENE	24	98	22E	UINTAH	
Current Entity Number	New Entity Number	Sı	pud Dat	te	Entity Assignment Effective Date		
99999	13650	8	/26/200	8	9	122/08	
	Current Entity Number	Current Entity New Entity Number Number	Current Entity New Entity S Number Number	Current Entity New Entity Spud Dat Number Number	Current Entity New Entity Spud Date Number Number	Current Entity New Entity Spud Date Entity Number Eff	

PRRV= MURD

Well 2

43-047-38495	OLIADITA MICH CLIN		1 1		1			
	CHAPITA WELLS UN	IIT 541 <b>-</b> 03	541-03 SESW 3 9S			22E UINTAH		
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	l .	ty Assignment ffective Date	
KB	99999	4905	8	/25/200	8	9/	22/08	

#### Well 3

PITA WELLS UN	IIT 740-03	NENW	3	98	225	LHNTAL	
. =		3 NENW 3 9S			22E UINTAH		
rrent Entity Number	New Entity Number	S	pud Dat	te	1	ity Assignment ffective Date	
99999	4905	8	/25/200	8	9	122/08	
	-	99999 4905	99999 4905 8	99999 4905 8/25/200	99999 4905 8/25/2008	99999 4905 8/25/2008 9	

### **ACTION CODES:**

(5/2000)

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

SEP 0 2 2008

DIV. OF OIL, GAS & MINING

Mickenzie Thacker

Name (Please Print)

Signature Operations Clerk

Title

8/29/2008

Date

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	٧EI
OMB NO. 1004-	-013
Expires: July 31,	201

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. UTU0282

abandoned wel	II. Use form 3160-3 (APD	)) for such p	roposals.		6. If Indian, Allouee of	Tribe Name
SUBMIT IN TRII	PLICATE - Other instruct	tions on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELL	ment, Name and/or No. S UNI
1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Oth					8. Well Name and No. CHAPITA WELLS	UNIT 1209-24
Name of Operator     EOG RESOURCES, INC.		MARY A. MA	ESTAS urces.com		9. API Well No. 43-047-39908	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202			. (include area code)	)	10. Field and Pool, or I NATURAL BUTT	Exploratory ES
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)				11. County or Parish, a	nd State
Sec 24 T9S R22E SENE 2400 40.02218 N Lat, 109.38132 W					UINTAH COUNT	ry, ut
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF 1	NOTICE, RI	EPORT, OR OTHER	R DATA
TYPE OF SUBMISSION			TYPE O	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	□ Product	ion (Start/Resume)	■ Water Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	☐ Well Integrity
Subsequent Report	☐ Casing Repair	■ New	Construction	□ Recomp	olete	Other Production Start-up
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon		arily Abandon	1 Toddetton Start-up
13. Describe Proposed or Completed Ope	☐ Convert to Injection	Plug	·	☐ Water I		
following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi  The referenced well was turne report for drilling and completion.	nandonment Notices shall be file inal inspection.)  ed to sales on 11/13/2008. on operations performed c	d only after all a	requirements, include	ling reclamation	n, have been completed, a	nd the operator has
	Electronic Submission # For EOG R	64794 verified ESOURCES,	INC., sent to the	Vernal		
Name (Printed/Typed) MARY A.	MAESTAS		Title REGUL	ATORY AS	SISTANT	
Signature Description (S	Abmission ( ac La		Date 11/14/2	800		
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE	
Approved By  Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conductive of the second of the conductive of the second of the conductive	nitable title to those rights in the act operations thereon.	subject lease	Title Office	I willfully to m	ake to any department or	Date
States any false, fictitious or fraudulent s	statements or representations as	to any matter w	ithin its jurisdiction		to any department of t	

### WELL CHRONOLOGY REPORT

Report Generated On: 11-14-2008

Well Name	CWU 1209-24	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-39908	Well Class	COMP
County, State	UINTAH, UT	Spud Date	10-05-2008	Class Date	
Tax Credit	N	TVD / MD	9,350/ 9,350	Property #	058375
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
KB / GL Elev	5,049/ 5,032				
Location	Section 24, T9S, R22E, SI	ENE, 2400 FNL & 672	FEL.		

DRILL & COMPLETE

Operator	EOG RESOUR	CES, INC W	55.	033	NRI %	47.155	<u></u>
AFE No	303904	<b>A</b>	FE Total	1,755,600	DHC / CW	C 880,	700/ 874,900
Rig Contr	TRUE	Rig Name	TRUE #9	Start Date	02-14-2008	Release Date	10-12-2008
02-14-2008	Reported By	CYNT	HIA HANSELMAN				
DailyCosts: Da	rilling \$0		Completion	\$0	Daily To	otal \$0	
Cum Costs: D	rilling \$0		Completion	\$0	Well To	tal \$0	
MD	0 <b>TVD</b>	0 <b>P</b> 1	ogress 0	Days	0 <b>MW</b>	0.0 <b>Vis</b>	0.0
Formation:		<b>PBTD</b> : 0.0		Perf:	j	PKR Denth: 0	.0

Activity at Report Time: LOCATION DATA

1.0

**Event No** 

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION DATA

2400' FNL & 672' FEL (SE/NE) SECTION 24, T9S, R22E UINTAH COUNTY, UTAH

LAT 40.022211, LONG 109.380642 (NAD 27) LAT 40.022178, LONG 109.381322 (NAD 83)

Description

TRUE #9

OBJECTIVE: 9350' TD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: U-0282

ELEVATION: 5034.3' NAT GL, 5031.9' PREP GL (DUE TO ROUNDING 5032' IS THE PREP GL), 5049' KB (17')

EOG WI 55.0328%, NRI 47.15451%

08-13-2008

Reported By

TERRY CSERE

DailyCosts: Drilling	\$38,000		completion	\$0		Daily 7		\$38,000	
Cum Costs: Drilling	\$38,000	C	ompletion	\$0		Well T		\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
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Activity at Report Ti	me: BUILD LOC	CATION							
Start End		ty Description							
06:00 06:00		TION STARTED.							
08-14-2008 Re	eported By	TERRY CSER	Е						
DailyCosts: Drilling	\$0	C	completion	\$0		Daily 7	Total	\$0	
Cum Costs: Drilling	\$38,000	C	completion	\$0		Well T	otal	\$38,000	
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Start End	Hrs Activi	ty Description							
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08-15-2008 Re	eported By	TERRY CSER	Е						
DailyCosts: Drilling	\$0	C	ompletion	\$0		Daily 7	<b>Fotal</b>	\$0	
Cum Costs: Drilling	\$38,000	C	ompletion	\$0		Well T	otal	\$38,000	
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A addudday ad D am and 70th	DIUI D I OC	VATION							
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Start End 06:00 06:00	Hrs Activi	ty Description							
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Cum Costs: Drilling	\$38,000	Cor	mpletion	\$0		Well	<b>Fotal</b>	\$38,000	
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Start End	Hrs Activity	y Description							
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06:00 06:00	24.0 SHOOT								
	24.0 SHOOTI	TERRY CSERE							
08-25-2008 Re		TERRY CSERE	mpletion	\$0		Daily	Total	\$0	
08-25-2008 Re	ported By	TERRY CSERE Con	mpletion mpletion	\$0 \$0		Daily Well 7		\$0 \$38,000	
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08-25-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$38,000 <b>TVD</b>	TERRY CSERE  Con  Con	mpletion	\$0	0	Well '	<b>Fotal</b>	\$38,000 <b>Visc</b>	0.0
08-25-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	\$0 \$38,000 TVD	TERRY CSERE  Con  Con  Progress  TD: 0.0	mpletion	\$0  Days	0	Well '	Total 0.0	\$38,000 <b>Visc</b>	0.0
08-25-2008 Re DailyCosts: Drilling Cum Costs: Drilling	\$0 \$38,000 TVD PB'	TERRY CSERE  Con Con  Progress  TD: 0.0  ATION	mpletion	\$0  Days	0	Well '	Total 0.0	\$38,000 <b>Visc</b>	0.0
08-25-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti	\$0 \$38,000 TVD PB'	TERRY CSERE  Con  O Progress  ID: 0.0  ATION  y Description	mpletion	\$0  Days	0	Well '	Total 0.0	\$38,000 <b>Visc</b>	0.0
08-25-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	\$0 \$38,000 TVD PB me: BUILD LOCA Hrs Activity	TERRY CSERE  Con  O Progress  ID: 0.0  ATION  y Description	mpletion	\$0  Days	0	Well '	Total 0.0	\$38,000 <b>Visc</b>	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 08-26-2008 Re	\$0 \$38,000 TVD PB' me: BUILD LOCA Hrs Activity 24.0 PUSHIN	TERRY CSERE  Con Con  Progress  TD: 0.0  ATION  y Description  IG OUT PIT.  TERRY CSERE	o 0	\$0  Days	0	Well 7	0.0  PKR De	\$38,000 <b>Visc</b>	0.0
D8-25-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 D8-26-2008 Re DailyCosts: Drilling	\$0 \$38,000  TVD  PB' me: BUILD LOCA Hrs Activity 24.0 PUSHIN	TERRY CSERE  Con Con  Progress  TD: 0.0  ATION  y Description  IG OUT PIT.  TERRY CSERE  Con	mpletion 0	\$0  Days  Perf:	0	Well 7 MW  Daily	0.0 PKR De	\$38,000 Visc pth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 D8-26-2008 Re DailyCosts: Drilling Cum Costs: Drilling	sported By \$0 \$38,000  TVD  PB' me: BUILD LOCA Hrs Activity 24.0 PUSHIN sported By \$0 \$38,000	TERRY CSERE  Con Con  Progress  TD: 0.0  ATION  y Description  IG OUT PIT.  TERRY CSERE  Con Con	mpletion 0 mpletion mpletion	\$0  Days  Perf:  \$0  \$0  \$0		Well 7 MW  Daily Well 7	0.0 PKR De	\$38,000 Visc pth: 0.0 \$0 \$38,000	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 D8-26-2008 Re DailyCosts: Drilling Cum Costs: Drilling	sported By \$0 \$38,000  TVD  PB' me: BUILD LOCA  Hrs Activity 24.0 PUSHIN  sported By \$0 \$38,000  TVD	TERRY CSERE  Con Con  Progress  TD: 0.0  ATION  DESCRIPTION  GOUT PIT.  TERRY CSERE  Con Con  O Progress	mpletion 0	\$0 Days Perf:  \$0 \$0 Days	0	Well 7 MW  Daily	0.0 PKR De  Total  Total  0.0	\$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 D8-26-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	sported By \$0 \$38,000  TVD  PB' me: BUILD LOCA  Hrs Activity 24.0 PUSHIN  sported By \$0 \$38,000  TVD  PB'	TERRY CSERE  Con Con  Progress  TD: 0.0  ATION  y Description  GOUT PIT:  TERRY CSERE  Con  Con  Progress  TD: 0.0	mpletion 0 mpletion mpletion	\$0  Days  Perf:  \$0  \$0  \$0		Well 7 MW  Daily Well 7	0.0 PKR De	\$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 08-26-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til	sported By \$0 \$38,000  TVD  PB' me: BUILD LOCA  Hrs Activity 24.0 PUSHIN  sported By \$0 \$38,000  TVD  PB' me: BUILD LOCA	TERRY CSERE  Con Con 0 Progress  TD: 0.0  ATION  GOUT PIT.  TERRY CSERE  Con Con 0 Progress  TD: 0.0  ATION	mpletion 0 mpletion mpletion	\$0 Days Perf:  \$0 \$0 Days		Well 7 MW  Daily Well 7	0.0 PKR De  Total  Total  0.0	\$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 D8-26-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	sported By \$0 \$38,000  TVD  PB' me: BUILD LOCA  Hrs Activity 24.0 PUSHIN  sported By \$0 \$38,000  TVD  PB' me: BUILD LOCA	TERRY CSERE  Con Con O Progress  TD: 0.0 ATION O Description GOUT PIT:  TERRY CSERE  Con Con O Progress  TD: 0.0 ATION O Description	mpletion 0 mpletion mpletion	\$0 Days Perf:  \$0 \$0 Days		Well 7 MW  Daily Well 7	0.0 PKR De  Total  Total  0.0	\$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	0.0

DailyCos	sts: Drilling	\$0		Con	pletion	\$0		Daily	Total	\$0	
Cum Cos	sts: Drilling	\$38,00	00	Com	pletion	\$0		Well 7	Total .	\$38,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	on:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity :	at Report Ti	me: SPUD NO	OTIFICATI	ON – WO AIR R	IG						
Start	End	Hrs Act	tivity Desc	cription							
06:00	06:00	CO	NDUCTOR	CRAIGS ROUS CEMENT TO S ND MICHAEL L	SURFACE	WITH REA	DY MIX. JEF	RY BARNES	NOTIFIED		
8-28-20	008 Re	ported By	T	ERRY CSERE							
DailyCos	sts: Drilling	\$0		Com	pletion	\$0	-	Daily	Total	\$0	
Cum Cos	sts: Drilling	\$38,00	00	Com	pletion	\$0		Well T	Total .	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
ormatic	on:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity :	at Report Ti	me: LOCATIO	ON COMPI	LETE							
Start	End	Hrs Act	tivity Desc	cription							
06:00	06:00	24.0 LO	CATION C	OMPLETE.							
9-10-2	008 Re	ported By	K	YLAN COOK							
DailyCos	ts: Drilling	\$272,9	925	Com	pletion	\$0		Daily	Total	\$272,925	
Cum Cos	sts: Drilling	\$310,9	925	Com	pletion	\$0		Well 7	<b>Total</b>	\$310,925	
MD	2,421	TVD	2,421	Progress	0	Days	. 0	MW	0.0	Visc	0.0
Formatio	on:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity :	at Report Ti	me: WORT									
Start	End	Hrs Act	ivity Dos	wintion							

Start End Hrs Activity Description

06:00

06:00

24.0 MIRU CRAIG'S AIR RIG #3 ON 9/5/2008. DRILLED 12–1/4" HOLE TO 2421' GL. ENCOUNTERED WATER AT 810'. FLUID DRILLED HOLE FROM 810' WITH NO LOSSES. RAN 60 JTS (2415.90') OF 9–5/8", 36.0#, J–55, LT&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2432' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO CRAIG'S RIG.

RDMO CRAIG 5 RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3200 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 200 SX (146 BBLS) OF PREMIUM LEAD CEMENT W/0.2% VARASET, 2% CALSEAL, & 2% EX-1. MIXED LEAD CEMENT @ 10.5 PPG W/YIELD OF 4.1 CF/SX.

TAILED IN W/300 SX (63 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED TAIL CEMENT TO 15.6 W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/183.5 BBLS FRESH WATER. BUMP PLUG W/550# @ 4:44 PM, 9/08/2008. CHECKED FLOAT, FLOAT HELD. SHUT—IN CASING VALVE. NO CEMENT TO SURFACE.

TOP JOB #1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HR 25 MIN.

TOP JOB #2: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 200 SX (41 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED AND STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIG'S RIG #3 TOOK SURVEYS @ 1200'= 1.0 & 2360'= 4.5.

CONDUCTOR LEVEL RECORD: PS= 89.9 OPS= 89.8 VDS= 89.8 MS= 89.9. 9 5/8 CASING LEVEL RECORD: PS= 89.9 OPS= 89.9 VDS= 89.8 MS= 89.9.

KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 9/06/2008 @  $4:50~\mathrm{PM}.$ 

			<i>у</i> т.50 1 м.								
10-05-20	008 Re	eported By	y D	AVID GREESO	N						
DailyCos	ts: Drilling	\$21	1,234	Cor	mpletion	\$0		Dail	y Total	\$21,234	
Cum Cos	ts: Drilling	\$33	32,159	Cor	mpletion	\$0		Well	Total	\$332,159	
MD	2,421	TVD	2,421	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: NU BO	OPE								
Start	End	Hrs A	Activity Desc	ription							
06:00	03:00	F		OOL. WESTRO WU 1210-24 TO ARD.							
03:00	06:00			NECT FLOWL 03:00 10/05/08		BUSTER, AG	CCUMULATO	OR AND CH	OKE MANIFO	OLD LINES. R	IG ON
		T	RANSFERRE	NG 160.76' OF	4.5" L-80.	11.6# CSG.	AND 2200 G	L. FUEL TO	THE CWU 12	09–24.	
				ND 1800 GLS. U							
		9	MEN ON DA	YS, 5 MEN NIC	GHT TOUR	NO ACCID	ENTS OR IN	CIDENTS R	EPORTED.		
		S	SAFETY MEE	TINGS: TAIL C	SATE RIG I	JP SAFETY	MEETING V	V/ ALL CRE	WS PRESENT		
				LOGGER UNIT							
10-06-20	008 Re	ported By	, D	AVID GREESO	N			<del></del>			
DailyCost	ts: Drilling	\$57	7,701	Cor	npletion	\$0		Dail	y Total	\$57,701	
Cum Cos	ts: Drilling	\$38	39,860	Cor	npletion	\$0		Well	Total	\$389,860	
MD	3,700	TVD	3,700	Progress	1,279	Days	1	MW	9.2	Visc	30.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	ıt Report Tiı	me: DRILL	JNG@ 3700'								
Start	End	Hrs A	Activity Desc	ription							
06:00	10:00	K M F M T M	CELLY VALVE MINUTES. TES MINUTES. TES FOR 10 MINUT MANIFOLD VA TO 250 PSI LO MANIFOLD VA	QUICK TEST, TE, SAFETY VAI ST PIPE RAMS ST PIPE RAMS TES. TEST PIPI ALVES TO 250 W FOR 5 MINI ALVES TO 250 OKE TO 500 PSI OK	LVE & INS S & INSIDE S, HCR & C E RAMS, C PSI LOW I UTES & 25 PSI LOW I	IDE BOP TO E BOP VALV OUTSIDE BO CHOKE LIN FOR 5 MINU FOR 5 MINU FOR 5 MINU	O 250 PSI LO ES TO 250 P; OP VALVES T E, CHECK V/ JTES & 5000 H FOR 10 MI JTES & 5000	W FOR 5 M SI LOW FOI O 250 PSI L ALVE, UPRI PSI HIGH F NUTES. TES PSI HIGH F	INUTES & 500 R 5 MINUTES OW FOR 5 MI GHT GAUGE FOR 10 MINUT ST BLIND RAI FOR 10 MINUT	00 PSI HIGH F & 5000 PSI H INUTES & 500 VALVE, & IN: TES. TEST AN MS, CHOKE I TES. TEST BL	OR 10 IGH FOR 10 00 PSI HIGH SIDE INULAR LINE,& IND RAMS
10:00	10:30	0.5 T	EST CASING	TO 1500 PSI F	OR 30 MI	٧.					
10:30	11:00	0.5 S	ET WEAR RI	NG IN WELL H	HEAD.						
11:00	11:30		U WEATHER	FORD PU MAG	CHINE AN	D HELD SA	FETY MEET	ING OVER	PU BHA AND	DP W/ ALL C	REWS

PRESENT.

11:30	13:30	2.0 PU BHA, HWDP AND DP TO 2320' KELLY UP.
13:30	14:00	0.5 RD WEATHERFORD PU MACHINE SERVICE TOOLS.
14:00	14:30	0.5 INSTALL ROT. HEAD RUBBER.
14:30	15:30	1.0 TAG CEMENT AT 2360'. DRILL CEMENT, FLOAT EQUIP. AND 10' NEW HOLE TO 2431', 2K WOB, 125 STK. #1 PUMP, 52 RPM TABLE, 70 RPM MM.
15:30	16:00	0.5 FIT TEST AT 2431' W/ A 9.1 MW. TESTED TO 250 PSI FOR 5 MIN. EMW= 11.1 PPG. TEST HELD.
16:00	16:30	0.5 SURVEY @ 2350'. 1.5 DEGREES.
16:30	03:00	10.5 DRILL FROM 2431' TO 3493", (1062') 101 ROP, 12–18K WOB, 54 RPM TABLE, 73 RPM MM. #1 PUMP ON HOLE @ 130 STK./MIN., 455 GPM, 1500 PSI, 9.2 MW, 38 VIS.
03:00	03:30	0.5 SURVEY @ 3410'. 2.25 DEGREES.
03:30	06:00	2.5 DRILL FROM 3493' TO 3700', (207') 83 ROP, 12–18K WOB, 54 RPM TABLE, 73 RPM MM. #1 PUMP ON HOLE @ 130 STK./MIN., 455 GPM, 1500 PSI, 9.2 MW, 38 VIS.

NO ACCIDENTS OR INCIDENTS REPORTED

SET COM DRILLING, FUNCTIONED BOP.

SAFETY MEETINGS: PU BHA & DP/ CONNECTION PINCH POINTS.

FULL CREWS BOTH TOURS. 4 EXTRA MEN ON DAYS TO RURT.

FORMATION TOPS: MAHOGONY OIL SHALE 2,382', WASATCH 4,738'.

FUEL RECEIVED 4500 GL., ON HAND 5200 GLS, USED 1100 GLS,

UNMANNED LOGGER UNIT ON LOCATION 1 DAY.

06:00	SPUD 7.7/8" HOLE @ 16:30 HRS. 10/5/08.

10-07-20	)08 Re	eported I	3y DA	VID GREESC	N							
DailyCos	ts: Drilling	\$3	30,526	Cor	mpletion	\$0		Dail	y Total	\$30,526		
Cum Cos	ts: Drilling	\$4	420,387	Cor	mpletion	\$0		Well	l Total	\$420,387		
MD	6,000	TVD	6,000	Progress	2,300	Days	2	MW	9.1	Visc	31.0	
Formatio	n:		<b>PBTD</b> : 0.	0		Perf:			PKR Dep	PKR Depth: 0.0		
Activity a	ıt Report Ti	me: DRII	LLING @ 6,000'									
Start	End	Hrs	Activity Descr	iption								
06:00	14:30	8.5	DRILL FROM 3 130 STK./MIN.,		` ,	,	,	RPM TABLE	, 73 RPM MM	. #1 PUMP ON	HOLE @	
14:30	15:00	0.5	SURVEY @ 46	3'. 3.0 DEGR	EES.							
15:00	06:00	15.0	DRILL FROM 4 130 STK./MIN.,		` /			RPM TABLE	, 73 RPM MM	. #1 PUMP ON	HOLE @	
			NO ACCIDENT	S OR INCIDE	NTS REPO	RTED						
			SET COM DRII	LLING, FUNC	TIONED B	OP.						
			SAFETY MEET	INGS: FORK	LIFT OPER	ATIONS/SLI	IPS, TRIPS, I	FALLS.				
			FULL CREWS	BOTH TOURS	5.							
			FORMATION T	OPS: MAHOO	GONY OIL	SHALE 2,38	2', WASATC	H 4,738', CI	HAPITA WELI	LS 5,337',		
			BUCK CANYO	N 5,887'.								
			FUEL ON HAN	D 4300 GLS, 1	USED 900 (	GLS,						

UNMANNED LOGGER UNIT ON LOCATION 2 DAY.

Cum Cos	ts: Drilling	\$	509,275	Co	mpletion	\$0			Well	Total	\$509,275	
MD	7,200	TVD	7,200	Progress	1,200	Days	. 3	3	$\mathbf{MW}$	9.6	Visc	33.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:				PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: DRII	LLING@ 7,200'									
Start	End	Hrs	Activity Desc	ription								
06:00	13:30	7.5	DRILL FROM 130 STK./MIN.					4 RP:	M TABLE,	73 RPM MM.	#1 PUMP ON 1	HOLE @
13:30	14:00	0.5	SERVICE RIG									
14:00	06:00	16.0	DRILL FROM 130 STK./MIN.				-	4 RP	M TABLE,	73 RPM MM.	#1 PUMP ON I	HOLE @
			NO ACCIDENT	ΓS OR INCIDE	NTS REPO	RTED						
			SET COM DRI	LLING, FUNC	TIONED B	OP.						
			SAFETY MEE	TINGS: PROPI	ER LIFTING	G/RIG SERV	ICE.					
			FULL CREWS	BOTH TOURS	5.							
			FORMATION 7	TOPS: MAHO	GONY OIL	SHALE 2,38	32', WAS	ATCI	ł 4,738', CI	IAPITA WEL	LS 5,337',	
			BUCK CANYO	ON 5,887', NOI	RTH HORN	6,712', PRI	CE RIVE	R 7,0	04'.			
			FUEL RECEIV	ED 4100 GL. 0	ON HAND	7500 GL., US	SED1200	GLS	,			
			UNMANNED I	LOGGER UNI	I ON LOCA	ATION 3 DA	Y.					
10-09-20	08 Re	eported l	By Da	AVID GREESO	N, CARLO	S ARRIETA						
DailyCost	ts: Drilling	\$	36,318	Co	mpletion	\$0			Dail	y Total	\$36,318	
Cum Cos	ts: Drilling	\$	545,593	Co	mpletion	\$0			Well	Total	\$545,593	
MD	8,205	TVD	8,205	Progress	1,005	Days	4	ļ	MW	10.1	Visc	33.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:				PKR De	<b>pth:</b> 0.0 .	
Activity a	t Report Ti	me: DRII	LLING@ 8,205'									
Start	End	Hrs	Activity Desc	ription								
06:00	14:00	8.0	DRILL FROM 130 STK./MIN.					4 RP	M TABLE,	73 RPM MM.	#1 PUMP ON I	HOLE @
14:00	14:30	0.5	SERVICE RIG									
14:30	06:00	15.5	DRILL FROM 130 STK./MIN.					4 RP	M TABLE,	73 RPM MM.	#1 PUMP ON I	HOLE @
			NO ACCIDENT	rs or incide	NTS REPO	RTED						
			SET COM DRI	LLING, FUNC	TIONED B	OP.						
			SAFETY MEET	ΓINGS: SHAK	ERS/DERR	ICK INSPEC	CTION.					
			FULL CREWS	BOTH TOURS	S.							
			FORMATION 7	ГОРS: MAHO	GONY OIL	SHALE 2,38	32', WAS	ATCI	I 4,738', CF	IAPITA WEL	LS 5,337',	
			BUCK CANYO	N 5,887', NOF	RTH HORN	6,712', PRI	CE RIVE	R 7,0	04', MIDDI	LE PRICE 7,8	73'.	
			FUEL ON HAN	ID 6100 GL., U	JSED1300 (	BLS,						
			UNMANNED I	LOGGER UNI	Γ ON LOCA	ATION 4 DA	Y.					
10-10-20	08 Re	ported I	By DA	AVID GREESC	N, CARLO	S ARRIETA						
DailyCost	s: Drilling	\$:	37,983	Cor	mpletion	\$849			Daily	y Total	\$38,832	
v			502 577		-	<b>#0.40</b>					Ø594.437	

\$849

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Completion

Well Total

\$584,426

\$583,577

**Cum Costs: Drilling** 

MD	8,728	TVD	8,728	Progress	523	Days	5	MW	11.2	Visc	37.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	ıt Report Ti	ime: TOH	I FOR BIT								
Start	End	Hrs	Activity Desc	ription							
06:00	13:30	7.5	DRILL FROM 125 STK./MIN.		` '	•		PM TABLE,	70 RPM MM.	,#1 PUMP O	N HOLE @
13:30	14:00	0.5	SERVICE RIG.								
14:00	04:00	14.0	DRILL FROM 125 STK./MIN.					PM TABLE,	70 RPM MM.	.#1 PUMP O	N HOLE @
04:00	05:00	1.0	CIRCULATE B	OTTOMS UP T	го тоон	FOR NEW BI	Γ #2. DROP	SURVEY.			
05:00	06:00	1.0	TOOH FOR BI	Т #2 @ 8,728'.							
		•	NO ACCIDENT	S OR INCIDE	NTS REPO	ORTED. FULL	CREWS B	OTH TOURS			
			SET COM DRI	LLING, FUNC	TIONED I	ВОР.					
			SAFETY MEE	I'INGS: ROTAR	RY TABLE	HAZARDS/T	RIPPING P	NCH POINT	S.		
			FORMATION 7	ГОРЅ: МАНОС	ONY OIL	SHALE 2,382	e', WASATC	H 4,738', CH	IAPITA WELI	LS 5,337',	
			BUCK CANYO 8,680', SEGO 9	, ,	TH HORN	N 6,712', PRIC	E RIVER 7,	004', MIDDI	E PRICE 7,87	73', LOWER	PRICE
			FUEL ON HAN	ID 4600 GL., U	SED1500	GLS,					
			UNMANNED I	LOGGER UNIT	ON LOC	ATION 5 DAY	•				

10-11-2008	Re	ported By	D	AVID GREESO	N, CARLO	S ARRIETA					
DailyCosts:	Drilling	\$63,	683	Con	npletion	\$4,668		Daily	Total	\$68,351	
Cum Costs:	Drilling	\$647	7,260	Con	npletion	\$5,517		Well	Total	\$652,777	
MD	9,200	TVD	9,200	Progress	472	Days	6	MW	11.5	Visc	34.0
Formation:			<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 9,200'

Start	End	Hrs	Activity Description
06:00	09:00	3.0	TOOH FOR BIT #2 AND MM. TIGHT SPOTS AT 5200' AND 4800'.
09:00	09:30	0.5	LD MM, ROLLER REAMERS AND BIT #1. PU HC Q506 AND AN 0.16 MM.
09:30	13:00	3.5	TRIP IN HOLE W/ BHA AND BIT #2. NO HOLE TROUBLE, HOLE TAKING PROPER DISPLACEMENT.
13:00	06:00	17.0	DRILL FROM 8728' TO 9200' (472') 28' ROP, 16–24K WOB, 52 RPM TABLE, 70 RPM MM. #1 PUMP ON HOLE @ 125 STK./MIN., 438 GPM, 2300 PSI, 11.6 MW, 36 VIS.
			NO ACCIDENTS OR INCIDENTS REPORTED. FULL CREWS BOTH TOURS.
			SET COM DRILLING AND TRIPPING, FUNCTIONED BOP.
			SAFETY MEETINGS: ROTARY TABLE HAZARDS/TRIPPING PINCH POINTS.
			FORMATION TOPS: MAHOGONY OIL SHALE 2,382', WASATCH 4,738', CHAPITA WELLS 5,337',

BUCK CANYON 5,887', NORTH HORN 6,712', PRICE RIVER 7,004', MIDDLE PRICE 7,873', LOWER PRICE

BUCK CANYON 5,887', NORTH HORN 6,712', PRICE RIVER 7,004', MIDDLE PRICE 7,873', LOWER PRICE 8,680', SEGO 9,165'.

FUEL ON HAND 3100 GL., USED 1500 GLS,

UNMANNED LOGGER UNIT ON LOCATION 6 DAY.

10-12-2008	Reported By	DAVID GREESON, CARLOS ARRIETA		
DailyCosts: Dril	ling \$29,901	Completion \$0	Daily Total	\$29,901

Cum Cost	ts: Drilling	\$	677,161	Cor	npletion	\$5,517		Wel	l Total	\$682,679	
MD	9,350	TVD	9,350	Progress	150	Days	7	$\mathbf{M}\mathbf{W}$	11.6	Visc	37.0
Formation	n:		<b>PBTD</b> : 0.	0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: RUN	INING PROD CS	G							
Start	End	Hrs	Activity Descr	ription							
06:00	11:00	5.0	DRILL FROM 9 STK./MIN., 438		. ,	*	OB, 52 RF	PM TABLE, <sup>*</sup>	70 RPM MM.	#1 PUMP ON	HOLE @ 125
11:00	11:30	0.5	SERVICE RIG								
11:30	13:30	2.0	DRILL FROM 9 STK./MIN., 438							#1 PUMP ON	HOLE @ 125
13:30	14:30	1.0	CIRCULATE B	OTTOMS UP I	BEFORE SI	HORT TRIP. PL	JMP 30 BI	BL DRY JOE	3 SLUG 1.5# C	OVER.	
14:30	16:30	2.0	SHORT TRIP 1:	STANDS. HO	LE IN GO	OD CONDITIC	N, TAKIN	NG PROPER	FILL AND N	O TIGHT SPO	TS.
16:30	17:30	1.0	CIRCULATE BODP WITH ALL		WHILE RIC	GGING UP KIM	IZEY LD	MACHINE.	HELD SAFET	Y MEETING	OVER LD
17:30	00:30	7.0	LD DRILL PIPE	E AND BHA. B	REAK KE	LLY, RETURN	TO SOCK	. CASING F	OINT REACH	HED @ 17:30,	10/11/08.
00:30	01:30	1.0	RU KIMZEY C MEETING OVE						OUT OF WEL	LHEAD. HEL	D SAFETY
01:30	06:00	4.5	RUNNING 4.5"	N-80, 11.6#, I	TC PRODI	UCTION CASI	NG. CASI	NG 4,445' II	N HOLE AT RI	EPORT TIME.	
			CASING POINT	Г @ 17:30 10/1	1/08.						
			NO ACCIDENT	S OR INCIDE	NTS REPO	RTED. FULL C	CREWS B	OTH TOURS	S.		
			SET COM DRII	LLING AND T	RIPPING, I	FUNCTIONED	BOP.		,		
			SAFETY MEET	INGS: LD DP	RUNNING	G CASING.					
			FORMATION T	OPS: MAHOO	ONY OIL	SHALE 2,382',	WASATC	CH 4,738', CI	HAPITA WEL	LS 5,337',	
			BUCK CANYO SEGO 9,165', T		TH HORN	6,712', PRICE	RIVER 7,	004', MIDD	LE PRICE 7,8°	73', LOWER F	'RICE 8,680',
			FUEL ON HAN	D 2500 GL., U	SED 650 G	LS,					
			UNMANNED L	OGGER UNIT	ON LOCA	TION 7 DAY.					
10-13-20	08 Re	ported l	By DA	VID GREESO	N						
DailyCost	s: Drilling	\$	68,254	Con	npletion	\$215,537		Dail	y Total	\$283,792	
Cum Cost	s: Drilling	\$	745,416	Con	npletion	\$221,054		Well	l Total	\$966,471	
MD	9,350	TVD	9,350	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation	ı:		<b>PBTD</b> : 0.	0		Perf:			PKR Dep	oth: 0.0	
Activity at	t Report Tir	ne: RDR	T/WO COMPLE	TION		-					
Start	End	Hrs	Activity Descr	iption							
06:00	08:30	2.5	RAN 233 FULL PUP JOINT AS 67 JTS. OF N-8 4,445.40°, RAN JT. #234 TO TAG FLUTED CASI CENTRALIZER ONE EVERY O	FOLLOWS; FI 0 CASING, 1 M 110 JTS. OF N G BOTTOM AI NG HANGER A S AS FOLLOV	LOAT SHO MARKER J 1-80 CASIN ND THEN I ASSEMBLY VS: 1-5'AI	E SET @ 9348. T. SET @ 6,636 NG. ADDED 1- LAYED IT BAC Y AND LANDE BOVE THE SH	3', 1 JT. C 5.31', RAN 20' PUP . CK DOWN ED IT IN V	ASING, 1 F N 55 JTS. OF JOINT TO TO N. PICKED U VELLHEAD	LOAT COLLA 7 N-80 CASIN OP OF STRIN JP LANDING WITHOUT R	R SET @ 930' G, 1 MARKE G BEFORE PI JOINT W/ MA ECIPROCATI	7.57', RAN R JT. SET @ ICKING UP ANDREL NG. RAN 35
08:30	10:00	1.5	RD KIMZEY CA					ER CEMENT	TERS AND HO	OLD SAFETY	MEETING

10:00	12:30	2.5 CEMENT JOB AS FOLLOWS: PRESSURE TEST LINES TO 5000 PSI. PUMP 20 BBLS CHEMICAL WASH, 20 BBLS. FRESH WATER, PUMPED 144.5 BBLS, 410 SACKS OF 35/65 POZ 12.5 PPG LEAD CEMENT W/ 5% EXTENDER, 2% EXPANDING CE, 0.75% FLUID LOSS, 0.2% ANTIFOAM, 0.3% RETARDER, 0.2% DISPERSANT, 0.125 LB/SK LCM, YIELD 1.98 FT3/SK., 10.948 GL/SK MIX WATER. PUMPED LEAD @ 6 BPM.; PUMPED 347 BBLS, 1510 SACKS OF 50:50 POZ G 14.1 PPG TAIL SLURRY, W/ 2% EXTENDER, 0.1% ANTIFOAM, 0.2% FLUID LOSS, 0.2% DISPERSANT, 0.1% RETARDER, 5.979 GL/SK MIX WATER, YIELD 1.29 FT3/SK. PUMPED TAIL CEMENT @ 6 BPM.; PUMPED 144.7 BBLS FRESH WATER TO DISPLACE CASING. BUMP PLUG WITH 3500 PSI, 1100 OVER PUMPING LIFT PRESSURE OF 2400 PSI. HELD PRESSURE FOR 1 MIN. PLUG HELD.
12:30	13:30	1.0 RD SCHLUMBERGER SERVICE TOOLS. HELD CEMENT HEAD ON LANDING JT. FOR ONE HOUR BEFORE RELEASING.
13:30	14:30	1.0 PULL LANDING JOINT. SET PACK OFF RING WITH FMC TECH HAND AND TEST PACK OFF TO 5000 PSI FOR 5 MIN.
14:30	16:30	2.0 ND BOP, ACCUMULATOR, CHOKE MANIFOLD AND FLOWLINE. CLEAN PITS, TRANSFER ALL MUD TO MUD STORAGE TANKS. RELEASE RIG @ 16:30, 10/12/08.
16:30	06:00	13.5 RDRT. RIG DOWN FLOOR AND MUD TANKS. LAY OVER DERRICK @ 18:30. WESTROC TRUCKING TO BEGIN RIG MOVE AT 06:00 10/13/08. MOVE RIG FROM THE CWU 1209–24 TO THE CWU 1207–24, 1.3 MILES.
		TRANSFERRING 281.68' OF 4.5" N-80, 11.6# CSG. AND 1800 GL. FUEL TO THE CWU 1207-24.

NO ACCIDENTS OR INCIDENTS REPORTED

SAFETY MEETINGS: CEMENTING/RDRT.

FORMATION TOPS: MAHOGONY OIL SHALE 2,382', WASATCH 4,738', CHAPITA WELLS 5,337',

BUCK CANYON 5,887', NORTH HORN 6,712', PRICE RIVER 7,004', MIDDLE PRICE 7,873', LOWER PRICE 8,680', SEGO 9,165', TD 9,350'.

FUEL ON HAND 1800 GL., USED 700 GLS,

UNMANNED LOGGER UNIT RELEASED AFTER 7 DAYS.

06:00

RIG RELEASE @ 16:30 HRS, 10/12/08.

CASING POINT \$719,682

10-16-2008	8 Re	ported By	SE	EARLE							
DailyCosts:	Drilling	\$0		Co	ompletion	\$44,520		Daily '	Total	\$44,520	
Cum Costs:	: Drilling	\$745,4	416	Co	ompletion	\$265,574		Well T	otal	\$1,010,991	
MD	9,350	TVD	9,350	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation :	:		<b>PBTD</b> : 93	306.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at l	Report Ti	me: PREP FO	R FRACS								
Start	End	Hrs Act	tivity Desc	ription							
Start 1 06:00	<b>End</b> 06:00	24.0 MII	•	MBERGER. L	OG WITH R	ST/CBL/CCL/V	DL/GR I	ROM PBTD T	O 790'. EST	CEMENT TOF	'@ 1100'
06:00	06:00	24.0 MII	RU SCHLUM SCHLUMB	MBERGER. L	OG WITH R	ST/CBL/CCL/V	DL/GR F	FROM PBTD T	O 790'. EST	CEMENT TOP	'@ 1100'
06:00 11-02-2008	06:00 <b>8 R</b> e	24.0 MII RD	RU SCHLUM SCHLUMB	MBERGER. LEERGER.	OG WITH R	\$1,723	DL/GR I	FROM PBTD T		© CEMENT TOP \$1,723	? @ 1100°
06:00 11-02-2008 DailyCosts:	06:00  8 Re	24.0 MII RD eported By	RU SCHLUM SCHLUMB	MBERGER. LEERGER. CCURDY			DL/GR F		Total		' @ 1100'
	06:00  8 Re	24.0 MII RD eported By	RU SCHLUM SCHLUMB	MBERGER. LEERGER. CCURDY	ompletion	\$1,723	DL/GR F	Daily '	Total	\$1,723	0.0

Activity at Report Time: WO COMPLETION

Start End Hrs Activity Description

06:00 06:00 24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

11-06-2008 Reported By WHITEHEAD

DailyCosts: Drilling				Con	pletion	\$8,676		Daily	Total	\$8,676	
Cum Costs:	Drilling	\$74	5,416	Con	pletion	\$275,973		Well Total		\$1,021,390	
MD	9,350	TVD	9,350	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation: MESAVERDE			<b>PBTD</b> : 9	<b>PBTD</b> : 9306.0			''-9123'	PKR Depth: 0.0			

Activity at Report Time: FRAC

Start	End	Hrs	Activity	Description

06:00 06:00

24.0 RU CUTTERS WIRELINE. PERFORATE LPR FROM 8818'-19', 8826'-27', 8837'-38', 8855'-56', 8885'-86', 8933'-34', 8957'-58', 8983'-84', 9035'-36', 9051'-52', 9086'-87', 9122'-23' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 3671 GAL 16# LINEAR PAD, 6348 GAL 16# LINEAR W/1-1.5# 20/40 SAND, 32228 GAL DELTA 200 W/120000# 20/40 SAND @ 2-5 PPG. MTP 6520 PSIG. MTR 53.3 BPM. ATP 4852 PSIG. ATR 49.3 BPM. ISIP 3192 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8775'. PERFORATE LPR/MPR FROM 8557'–58', 8591'–92', 8609'–10', 8645'–46', 8653'–54', 8663'–64', 8681'–82', 8705'–06', 8723'–24', 8745'–46', 8751'–52', 8757'–58' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T–106, 7272 GAL 16# LINEAR W/1–1.5 # 20/40 SAND, 25941 GAL DELTA 200 W/97500# 20/40 SAND @ 2–5 PPG. MTP 6343 PSIG. MTR 51.4 BPM. ATP 5373 PSIG. ATR 48.3 BPM. ISIP 3340 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8500'. PERFORATE MPR FROM 8340'-41', 8347'-48', 8356'-57', 8380'-81', 8386'-87', 8408'-09', 8416'-17', 8422'-23', 8445'-46', 8457'-58', 8463'-64', 8479'-80' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 7343 GAL 16# LINEAR W/1-1.5# 20/40 SAND, 17862 GAL DELTA 200 W/57400# 20/40 SAND @ 2-4 PPG. MTP 6223 PSIG. MTR 51.3 BPM. ATP 5695 PSIG. ATR 47.9 BPM. ISIP 3008 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8305'. PERFORATE MPR FROM 8051'-52', 8055'-56', 8071'-72', 8103'-04', 8114'-15', 8122'-23', 8149'-50', 8163'-64', 8206'-07', 8225'-26', 8230'-31', 8282'-83' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 8165 GAL 16# LINEAR W/1-1.5# 20/40 SAND. 41502 GAL DELTA 200 W/154700# 20/40 SAND @ 2-5 PPG. MTP 6033 PSIG. MTR 50.5 BPM. ATP 4970 PSIG. ATR 48.6 BPM. ISIP 2823 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8015'. PERFORATE M/UPR FROM 7827'-28', 7835'-36', 7842'-43', 7915'-16', 7920'-21', 7926'-27', 7935'-36', 7942'-43', 7977'-78', 7982'-83', 7989'-90', 7995'-96' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 7105 GAL 16# LINEAR W/1-1.5# 20/40 SAND, 30428 GAL DELTA 200 W/114200# 20/40 SAND @ 2-5 PPG. MTP 5349 PSIG. MTR 50.6 BPM. ATP 4579 PSIG. ATR 50.2 BPM. ISIP 2353 PSIG. RD HALLIBURTON. SDFN.

11-07-2008	Re	eported l	By V	VHITEHEAD							
DailyCosts: D	rilling	\$	0	Con	pletion	\$324,096		Daily	Total	\$324,096	
Cum Costs: Drilling \$745,416		745,416	Completion		\$600,070	Well Total		Total	\$1,345,486		
MD	9,350	TVD	9,350	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD			PBTD:	9306.0	Perf: 7022'-	<b>Perf</b> : 7022'-9123' <b>PKR</b> De			epth : 0.0		

Activity at Report Time: PREP TO MIRUSU

Hrs

**Activity Description** 

End

Start

06:00 06:00 24.0 RUWL SET 6K CFP AT 7805'. PERFORATE UPR FROM 7545'--46', 7561'-62', 7584'-85', 7589'-90', 7616'-17', 7624'-25', 7661'-62', 7668'-69', 7712'-13', 7744'-45', 7751'-52', 7784'-85' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 7978 GAL 16# LINEAR W/1-1.5# 20/40 SAND, 33629 GAL DELTA 200 W/125400# 20/40 SAND @ 2-5 PPG. MTP 6119 PSIG. MTR 52.6 BPM. ATP 4216

PSIG. ATR 50 BPM. ISIP 2660 PSIG. RD HALLIBURTON.

PSIG. ATR 50.1 BPM. ISIP 2159 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7470'. PERFORATE UPR FROM 7234'-35', 7240'-41', 7248'-49', 7257'-58', 7289'-90', 7298'-99', 7308'-09', 7315'-16', 7371'-72', 7390'-91', 7417'-18', 7448'-49' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6738 GAL 16# LINEAR W/1-1.5# 20/40 SAND, 33079 GAL DELTA 200 W/125000# 20/40 SAND @ 2-5 PPG. MTP 4535 PSIG. MTR 51.8 BPM. ATP 3970

RUWL. SET 6K CFP AT 7185'. PERFORATE UPR FROM 7022'-23', 7028'-29', 7033'-34', 7068'-69', 7090'-91', 7095'-96', 7100'-01', 7111'-12', 7135'-36', 7153'-54', 7161'-62', 7167'-68' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6701 GAL 16# LINEAR W/1-1.5# 20/40 SAND, 33497 GAL DELTA 200 W/130200# 20/40 SAND @ 2-5 PPG. MTP 5053 PSIG. MTR 50.7 BPM. ATP 3766 PSIG. ATR 50.5 BPM. ISIP 2176 PSIG. RD HALLIBURTON.

		RUV	VL. SET 61	K CBP AT 6966	6'. RDWL. S	SDFN.		_			
11-12-20	08 R	eported By	В	AUSCH							
DailyCost	s: Drilling	\$0		Co	mpletion	\$28,368		Daily	Total	\$28,368	
Cum Cost	s: Drilling	\$745,4	16	Co	mpletion	\$628,438		Well	Total	\$1,373,854	
MD	9,350	TVD	9,350	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation	ı: MESAVE	RDE	<b>PBTD</b> : 9	306.0		Perf: 7022'-	-9123'		PKR De <sub>l</sub>	<b>oth:</b> 0.0	
Activity at	t Report Ti	me: CLEAN C	OUT AFTE	R FRAC							
Start	End	Hrs Act	ivity Desc	ription							
07:00	15:00		USU. ND 1 Γ PLUGS. S		NU BOP. RI	H W/ 3 7/8" HU	JRRICAN	E MILL & PU	JMP OFF SU	В ТО 6966'. RU	TO DRILI
11-13-20	08 R	eported By	В	AUSCH							
DailyCost	s: Drilling	\$0		Co	mpletion	\$27,662		Daily	Total	\$27,662	
Cum Cost	s: Drilling	\$745,4	16	Co	mpletion	\$656,100		Well	Total	\$1,401,516	
MD	9,350	TVD	9,350	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	<b>PBTD</b> : 9	167.0		Perf: 7022'-	-9123'		PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: FLOW TE	EST								
Start	End	Hrs Act	ivity Desc	ription							
07:00	06:00									)' & 8775'. RIH.	
		CLE	EANED OU	JT TO 9167'. L	ANDED TE	BG AT 7752' KB	. ND BOI	PE. NU TREE	. PUMPED O	FF BIT & SUB.	RDMOSU
		FLC	WED 15 H	IRS. 24/64" CH	IOKE. FTP	1000 PSIG. CP	1100 PSIC	G. 66 BFPH, R	ECOVERED	952 BLW. 7566	BWLTR.
		TUE	BING DETA	AIL LENGTI	Н						
		PUN	⁄IP OFF SU	лв 1.00°							
		1 JT	2-3/8 4.7#	L-80 TBG 3	33.05'						
		XN	NIPPLE	1.30'							
		233	JTS 2-3/8	4.7# L-80 TBC	G 7698.96	•					
		N-8	0 NIPPLE	& COUPLING	0.60'						
		BEL	OW KB	17.00'							
		LAN	NDED @	7751.91' KB		_					
11-14-200	08 R	eported By	В.	AUSCH/DUAN	E COOK						
DailyCost	s: Drilling	\$0		Co	mpletion	\$2,835		Daily	Total	\$2,835	

Completion

\$745,416

**Cum Costs: Drilling** 

\$658,935

\$1,404,351

Well Total

MD 9,350 TVD 9,350 Progress 0 Days 15 MW 0.0 Visc 0.0

Formation: MESAVERDE PBTD: 9167.0 Perf: 7022'-9123' PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES/INITIAL PRODUCTION

Start End Hrs Activity Description
06:00 06:00 24.0 FLOWED 24 HRS THRU TEST UNIT. 24/64" CHOKE. FTP 1100 PSIG. CP 2400 PSIG. 44 BFPH. RECOVERED 1133

BLW. 6435 BLWTR. 1600 MCFD RATE.

INITIAL PRODUCTION. OPENING PRESSURE: TP 1100 & CP 1750 PSI. TURNED WELL TO QUESTAR SALES AT 12:00 PM, 11/13/08. FLOWED 1322 MCFD RATE ON 24/64" POS CHOKE. QUESTAR GAS METER #7934. STATIC

300.



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL COMPLETI	ON OR RECOMPL	ETION REPORT	

	WELL	COMPL	EHON	JR REC	OMPLET	ION R	EPURI	AND LO	3			TU0282	
la. Type o	_	Oil Well	_	_		Other					6. If	Indian, Allottee	or Tribe Name
b. Type o	f Completion	Othe	New Well er	□ Work	Over 🗖	Deepen	Plug	g Back 🔲	Diff. Re	esvr.		nit or CA Agreer HAPITA WELL	ment Name and No.
2. Name of	f Operator	SINC		-Mail: ma	Contact: ry maestas		A. MAEST					ase Name and W	Vell No. S UNIT 1209-24
	600 17TH	STREE	T SUITE 10		ry_maestas	3a.	Phone No	o. (include are	a code)			PI Well No.	<del> </del>
4 Location	DENVER of Well (Re			nd in accor	dance with E		1: 303-824				10 1	ield and Pool, or	43-047-39908
	`	•	•				•	)*					TES/MESAVERDE
	orod interval							09.38132 W	Lon		0	Area Sec 24	or Block and Survey T9S R22E Mer SLB
At total	depth SEI	NE 2400F	FNL 672FE	L 40.0221	8 N Lat, 10	9.38132	W Lon					County or Parish INTAH	13. State UT
14. Date S <sub>1</sub> 08/26/2	pudded 2008			ate T.D. Re 0/11/2008	eached		□D&	Completed A Rea 3/2008	ıdy to Pr	od.	17. F	Elevations (DF, K 5034 GI	
18. Total D	Depth:	MD TVD	9350	1	9. Plug Bacl	k T.D.:	MD TVD	9167		20. Dep	th Bri	lge Plug Set:	MD TVD
21. Type E	lectric & Oth				t copy of eac	h)		22	. Was w		1?	No Ye	es (Submit analysis) es (Submit analysis)
RS1/C	BL/CCL/VD	L/GR )	Temp	>						ST run? ional Su	rvey?	No Yo	es (Submit analysis) es (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	ort all strings	s set in well	"			, <u>*</u>					
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Botton (MD)	"	Cementer Depth	No. of Sk Type of Co		Slurry (BB	1	Cement Top*	Amount Pulled
12.250	9.0	325 J-55	36.0		0 24	32			800			(	0
7.875	4.5	00 N-80	11.6		0 93	48			1920			1100	0
				-		+							
						+						•	
	Í			<u> </u>									
24. Tubing		<u>m, I n</u>	1 5 1	a (5) T	g:   B	1.0.0	(a) [ b	1 5 4	3 (D) I	O.,	L	4.0.40m	n 1 n d (117)
Size 2.375	Depth Set (N	7752	acker Depth	(MD)	Size De	epth Set (	MD) P	acker Depth (	MD)	Size	De	pth Set (MD)	Packer Depth (MD)
	ng Intervals					26. Perfor	ation Reco	ord 70.	22		<u> </u>		
	ormation		Тор		Bottom	]	Perforated			Size	N	lo. Holes	Perf. Status
A) B)	MESAVE	RDE		7022	9123			8818 TO 9 8557 TO 8			+	3	
C)							<del></del>	8340 TO 8			+	3	_
D)								8051 TO 8				3	
	racture, Treat		nent Squeeze	e, Etc.									
	Depth Interva		123 42,412	GALS GELI	ED WATER	& 120.00		mount and Ty AND	pe of Ma	aterial			
			758 33,378										
			480 25,370										
28 Product	80 ion - Interval		283 49,832	GALS GELI	LED WATER	& 154,70	0# 20/40 S.	AND					
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gr	avity	Gas	П	Producti	on Method	
roduced 11/13/2008	Date 11/24/2008	Tested 24	Production	BBL 20.0	MCF 758.0	BBL 160.	O Corr. 1	API	Gravity			FLOWS FR	ROM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:O	il	Well Sta	itus			
Size 14/64"	Flwg. 1240 SI	Press. 1740.0	Rate	BBL 20	MCF 758	BBL 160	Ratio		PC	3W			
28a. Produc	tion - Interva	l B								_			DECEIVE
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr. 1		Gas Gravity		Producti	on Method	RECEIVE
													DEC 1 5 2008
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:O Ratio	il	Well Sta	tus			
	SI				1							n!	V OF OIL GAS & MI

28h Prod	uction - Interv	ral C										
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravi	ty			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status			
28c. Prod	uction - Interv	al D				•						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravi	ty	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status	fatus		
29. Dispo	sition of Gas(S	Sold, used	for fuel, vent	ed, etc.)		•		•			-	
	nary of Porous	Zones (In	clude Aquife	rs):				•	31. For	mation (Log) Markers		
tests, i	all important a including dept ecoveries.						ll drill-stem shut-in pressures			, ,		
	Formation		Тор	Bottom		Description	s, Contents, etc.			Name	Top Meas. Depth	
MESAVER		Grahada a	7022	9123					BIF MA UT WA CH BU	EEN RIVER RDS NEST HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON ICE RIVER	1704 1845 2375 4610 4728 5311 6000 6995	
Pleas inform	e see the atta e atta e atta enclosed attac	àched sh	nigging proce	edure): led perforat	tion and ad	ditional form	nation marker					
	ectrical/Mecha		s (1 full set re	q'd.)	2	2. Geologic I	Report	3.	DST Rep	port 4. Directio	nal Survey	
5. Su	ndry Notice fo	r plugging	and cement	verification	Ć	o. Core Anal	ysis	7	Other:			
	by certify that  (please print)		Elect	ronic Subm Fo	ission #655	04 Verified b	oy the BLM Wel NC., sent to the	l Inform Vernal	ation Sys	records (see attached instruction tem.	ons):	
Signat			ic Sybmissi	$\sim M_{\odot}$	ufa			11/2008				
Title 18 U	S.C. Section	1001 and	Title 43 U.S.	C. Section 12	212, make it	a crime for a	ny person knowi	ngly and	willfully	to make to any department or a	gency	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, flictitious or fradulent statements or representations as to any matter within its jurisdiction.

### Chapita Wells Unit 1209-24 - ADDITIONAL REMARKS (CONTINUED):

### 26. PERFORATION RECORD

7827-7996	3/spf
7545-7785	3/spf
7234-7449	3/spf
7022-7168	3/spf

### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7827-7996	37,698 GALS GELLED WATER & 114,200# 20/40 SAND
7545-7785	41,772 GALS GELLED WATER & 125,400# 20/40 SAND
7234-7449	39,982 GALS GELLED WATER & 125,000# 20/40 SAND
7022-7168	40,363 GALS GELLED WATER & 130,200# 20/40 SAND

Perforated the Lower Price River from 8818-19', 8826-27', 8837-38', 8855-56', 8885-86', 8933-34', 8957-58', 8983-84', 9035-36', 9051-52', 9086-87', 9122-23' w/ 3 spf.

Perforated the Lower/Middle Price River from 8557-58', 8591-92', 8609-10', 8645-46', 8653-54', 8663-64', 8681-82', 8705-06', 8723-24', 8745-46', 8751-52', 8757-58' w/ 3 spf.

Perforated the Middle Price River from 8340-41', 8347-48', 8356-57', 8380-81', 8386-87', 8408-09', 8416-17', 8422-23', 8445-46', 8457-58', 8463-64', 8479-80' w/ 3 spf.

Perforated the Middle Price River from 8051-52', 8055-56', 8071-72', 8103-04', 8114-15', 8122-23', 8149-50', 8163-64', 8206-07', 8225-26', 8230-31', 8282-83' w/ 3 spf.

Perforated the Middle/Upper Price River from 7827-28', 7835-36', 7842-43', 7915-16', 7920-21', 7926-27', 7935-36', 7942-43', 7977-78', 7982-83', 7989-90', 7995-96' w/ 3 spf.

Perforated the Upper Price River from 7545-46', 7561-62', 7584-85', 7589-90', 7616-17', 7624-25', 7661-62', 7668-69', 7712-13', 7744-45', 7751-52', 7784-85' w/ 3 spf.

Perforated the Upper Price River from 7234-35', 7240-41', 7248-49', 7257-58', 7289-90', 7298-99', 7308-09', 7315-16', 7371-72', 7390-91', 7417-18', 7448-49' w/ 3 spf.

Perforated the Upper Price River from 7022-23', 7028-29', 7033-34', 7068-69', 7090-91', 7095-96', 7100-01', 7111-12', 7135-36', 7153-54', 7161-62', 7167-68' w/ 3 spf.

### 32. FORMATION (LOG) MARKERS

Middle Price River	7878
Lower Price River	8650
Sego	9175

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROV	ÆD
OMB NO. 1004-0	0135
Expires: July 31,	2010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

5. Lease Serial No. UTU0282

abandoned we	6. If Indian, Anottee C	or Tribe Name				
SUBMIT IN TRI	7. If Unit or CA/Agree CHAPITA WELI	ement, Name and/or No. LS				
Type of Well     Oil Well	8. Well Name and No. CHAPITA WELLS					
2. Name of Operator Contact: MARY A. MAESTAS EOG RESOURCES, INC. E-Mail: mary_maestas@eogresources.com				9. API Well No. 43-047-39908		
3a. Address 600 17TH STREET SUITE 1000N 3a. Address 600 17TH STREET SUITE 1000N Ph: 303-82			ode)	10. Field and Pool, or Exploratory NATURAL BUTTES		
DENVER, CO 80202	C. D. M C D i-ti-)			11 County on Donigh	and State	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				11. County or Parish, and State UINTAH COUNTY, UT		
Sec 24 T9S R22E SENE 2400 40.02218 N Lat, 109.38132 W		UINTAH COUN	·			
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE NATURE C	OF NOTICE, R	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION		TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	□ Deepen	□ Product	ion (Start/Resume)	☐ Water Shut-Off	
<del></del>	☐ Alter Casing	☐ Fracture Treat	☐ Reclam	ation	■ Well Integrity	
Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomp	olete	Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Tempoi	arily Abandon		
	☐ Convert to Injection	Plug Back	■ Water I	Disposal		
determined that the site is ready for f Per verbal approval with Nate small evaporation unit on the the pit is fully evaporated. Up	Packer, BLM Vernal Field ( reserve pit for the reference	ed well. The unit will be in	າ place until			
14. I hereby certify that the foregoing is true and correct.  Electronic Submission #68092 verified by the BLM Well Information System  For EOG RESOURCES, INC., sent to the Vernal						
Name (Printed/Typed) MARY A.	MAESTAS	Title REC	<b>GULATORY AS</b>	SISTANT		
Signature May Ejectrolic Submission On Date 03/17/2009						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
_Approved_By		Title			Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of th	uitable title to those rights in the si				·	
Title 18 U.S.C. Section 1001 and Title 43				ake to any department or	agency of the United	

			FORM O			
	FORM 9					
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282					
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS				
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: CWU 1209-24				
2. NAME OF OPERATOR: EOG Resources, Inc.		<b>9. API NUMBER:</b> 43047399080000				
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400 FNL 0672 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 24 Township: 09.0S Range: 22.0E Meridian: S			COUNTY: UINTAH			
			STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR			
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME			
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
✓ SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion: 3/12/2010	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
	□ PRODUCTION START OR RESUME ✓	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
		VENT OR FLARE	WATER DISPOSAL			
☐ DRILLING REPORT		SI TA STATUS EXTENSION	APD EXTENSION			
Report Date:						
	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area an accepted by the broadcast seeded with the prescribed seed mixture. The seeded area was Utah Division of then walked down with a cat. Interim reclamation was completed on Oil, Gas and Mining 3/12/2010.  FOR RECORD ONLY						
NAME (PLEASE PRINT) Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	TITLE Operations Clerk				
SIGNATURE N/A		<b>DATE</b> 3/25/2010				

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES			FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282					
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for propo- bottom-hole depth, reenter plu DRILL form for such proposals	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS					
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CWU 1209-24					
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047399080000					
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	9. FIELD and POOL or WILDCAT: NATURAL BUTTES					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2400 FNL 0672 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 24 Township: 09.0S Range: 22.0E Meridian: S			COUNTY: UINTAH			
			STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME			
7,4,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION			
3/12/2010	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
·	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR CO	   DMPLETED OPERATIONS. Clearly show all pertine	ent details including dates, depths, v	olumes. etc.			
All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area an accepted by the broadcast seeded with the prescribed seed mixture. The seeded area was Utah Division of then walked down with a cat. Interim reclamation was completed on Oil, Gas and Mining 3/12/2010.  FOR RECORD ONLY  NAME (PLEASE PRINT)  PHONE NUMBER  TITLE						
Mickenzie Gates	435 781-9145	Operations Clerk				
SIGNATURE N/A		<b>DATE</b> 3/25/2010				